

means for outputting the at least one output control signal to the control circuit of the voltage generator system for controlling the control circuit to control the charge pump in accordance with the at least one input control signal.

2. (Once Amended) A programming circuit for controlling a control circuit of a voltage generator system, wherein the programming circuit comprises:

means for receiving at least one input control signal;

means for processing the at least one input control signal using at least a series of bias stages;

means for generating at least one output control signal using at least a signal outputted by the series of bias stages; and

means for outputting the at least one output control signal to the control circuit of the voltage generator system for controlling the control circuit in accordance with the at least one input control signal,

wherein the control circuit of the voltage generator system includes a limiter circuit and an oscillator circuit, and the output control signal controls at least one of the limiter circuit and the oscillator circuit.

3. (Once Amended) The programming circuit according to claim 2, wherein a first input control signal of the at least one input control signal is configured for generating a first output control signal of the at least one output control signal for controlling the limiter circuit of the control circuit and a second input control signal of the at least one input control signal is configured for generating a second output control signal of the at least one output control signal for controlling an oscillator circuit of the control circuit.

16. (Once Amended) A programmable DC voltage generator system having at least one voltage generator system, a voltage generator system of said at least one voltage generator system comprising:

means for charge pumping;

means for controlling the means for charge pumping; and

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means for programming including:  
means for receiving at least one input control signal;  
means for processing the at least one input control signal using at least a series of bias stages;  
means for generating at least one output control signal using at least a signal outputted by the series of bias stages; and  
means for outputting the at least one output control signal to the means for controlling the means for charge pumping of the voltage generator system for controlling the means for controlling the means for charge pumping in accordance with the at least one input control signal.

17. (Once Amended) A programmable DC voltage generator system having at least one voltage generator system, said at least one voltage generator system comprising:

means for receiving at least one input control signal;  
means for processing the at least one input control signal using at least a series of bias stages;  
means for generating at least one output control signal using at least a signal outputted by the series of bias stages; and  
means for outputting the at least one output control signal to the control circuit of the voltage generator system for controlling the control circuit in accordance with the at least one input control signal,  
wherein the control circuit of the voltage generator system includes a limiter circuit and an oscillator circuit, and the output control signal controls at least one of the limiter circuit and the oscillator circuit.

18. (Once Amended) The system according to claim 17, wherein a first input control signal of the at least one input control signal is configured for generating a first output control signal of the at least one output control signal for controlling the limiter circuit of the control circuit and a second input control signal of the at least one input control signal is configured for generating a second output control signal of the at least one output

control signal for controlling an oscillator circuit of the control circuit.

29. (Once Amended) A programming circuit for controlling a control circuit controlling a charge pump of a voltage generator system, wherein the programming circuit comprises:

means for receiving an input control signal having a value selectable from a range of values, wherein the input control signal is generated external to the voltage generator system;

means for processing the input control signal; and

means for generating an output control signal to the control circuit to control the charge pump of the voltage generator system for controlling the control circuit in accordance with the input control signal.

31. (Once Amended) The programming circuit according to claim 29, wherein the input control signal is configured for indicating at least one of a target output voltage for the voltage generator system and a pumping speed for an oscillator circuit.

32. (Once Amended) A programming circuit for controlling a control circuit of a voltage generator system, comprising:

means for receiving an input control signal having a value selectable from a range of values, wherein the input control signal is generated external to the voltage generator system;

means for processing the input control signal; and

means for generating an output control signal to the control circuit of the voltage generator system for controlling the control circuit in accordance with the input control signal,

wherein the control circuit of the voltage generator system includes a limiter circuit and an oscillator circuit, and the output control signal controls at least one of the limiter circuit for disabling the oscillator circuit upon reaching a target output voltage, and the oscillator circuit for controlling a pumping speed of the oscillator circuit.